

## Specifications

**Circuit:** 11 Transistor Superheterodyne  
**Frequency Coverage:** FM 86.5—108 Mc (3.53—2.78 m)  
 MW 530—1,605 Kc (566—187 m)  
**Intermediate Frequency:** FM 10.7 Mc MW 455 Kc  
**Antenna System:** FM Built-in Telescopic Antenna  
 MW Built-in Ferrite Bar Antenna  
**Maximum Sensitivity:** FM -2 dB (at 50 mW output with 6 dB S/N)  
 MW 26 dB (at 10 mW output)  
**Selectivity:** 22 dB at 10 Kc off resonance, at 1,400 Kc  
**Output Power:** 480 mW (undistorted)  
**Current Drain:** 12 mA (MW), 15 mA (FM) at zero signal,  
 160 mA at 480 mW output  
**Speaker:** 4-3/4" × 3-1/8"  
 (12 × 8 cm) PM dynamic, 8 Ω  
**Battery:** Four size "C" Flashlight  
 Batteries (6 Volts)  
**Dimensions:** 12" × 6-5/8" × 2-3/8"  
 (300 × 167 × 60 mm)  
**Weight:** 3-1/2 lbs. (1.6 kg)

Electrical characteristics of FM band is measured with the LOCAL/DISTANT Selector Switch set to "DISTANT".

## Adjustments

### a) Frequency Coverage Adjustment

	Lower Limit	Adjust	Upper Limit	Adjust
FM	i) 85.5 ± 1 Mc	Gap of FM OSC Aux. Coil (L <sub>101d</sub> )	Lower Limit +24 Mc	Gap of FM OSC Aux. Coil (L <sub>101d</sub> )
	ii) 85.5 Mc	Trimmer Capacitor (C <sub>120</sub> )		
MW	520 Kc	Core of MW OSC Coil (L <sub>201</sub> )	1,680 Kc	MW OSC Trimmer (C <sub>205</sub> )

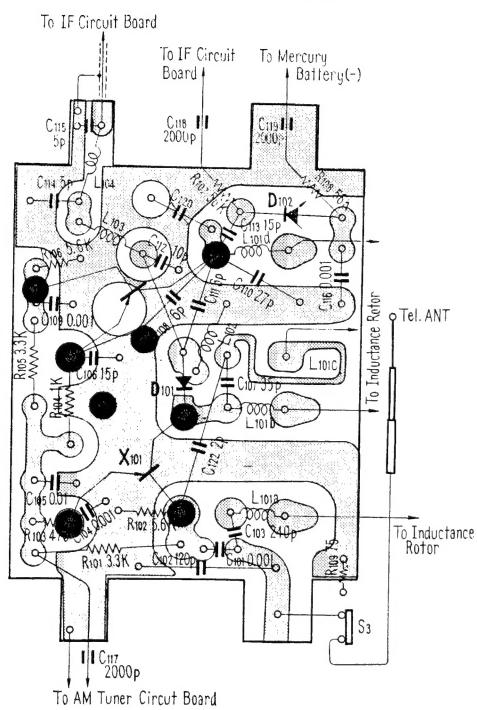
### b) Tracking Adjustment

	Lower Checking Point	Adjust	Upper Checking Point	Adjust
FM			109.5 Mc	Gap of FM RF Aux. Coil (L <sub>11b</sub> ) and Gap of FM ANT Aux. Coil (L <sub>101a</sub> )
MW	620 Kc	Position of MW ANT Coil (L <sub>202</sub> )	1,400 Kc	MW ANT Trimmer (C <sub>206</sub> )

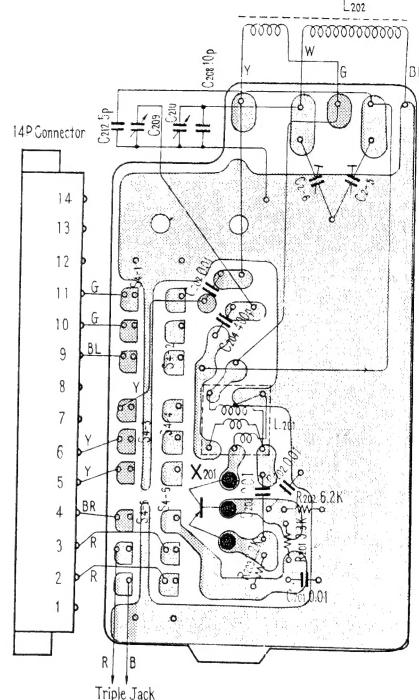
## Mounting Diagram

– Printed Side –

### FM Tuner Section



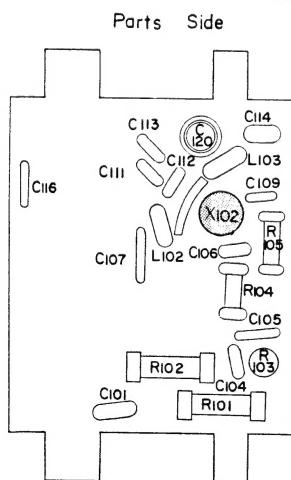
### AM Tuner Section



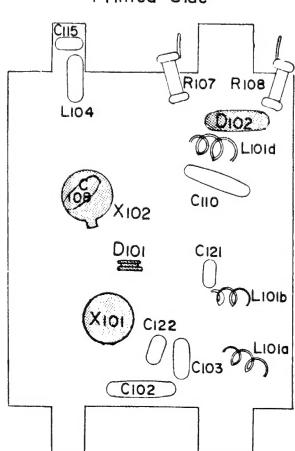
## Mounting Diagram

—Parts Side—

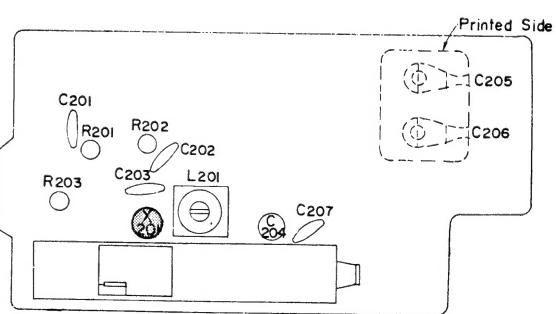
### FM Tuner Section

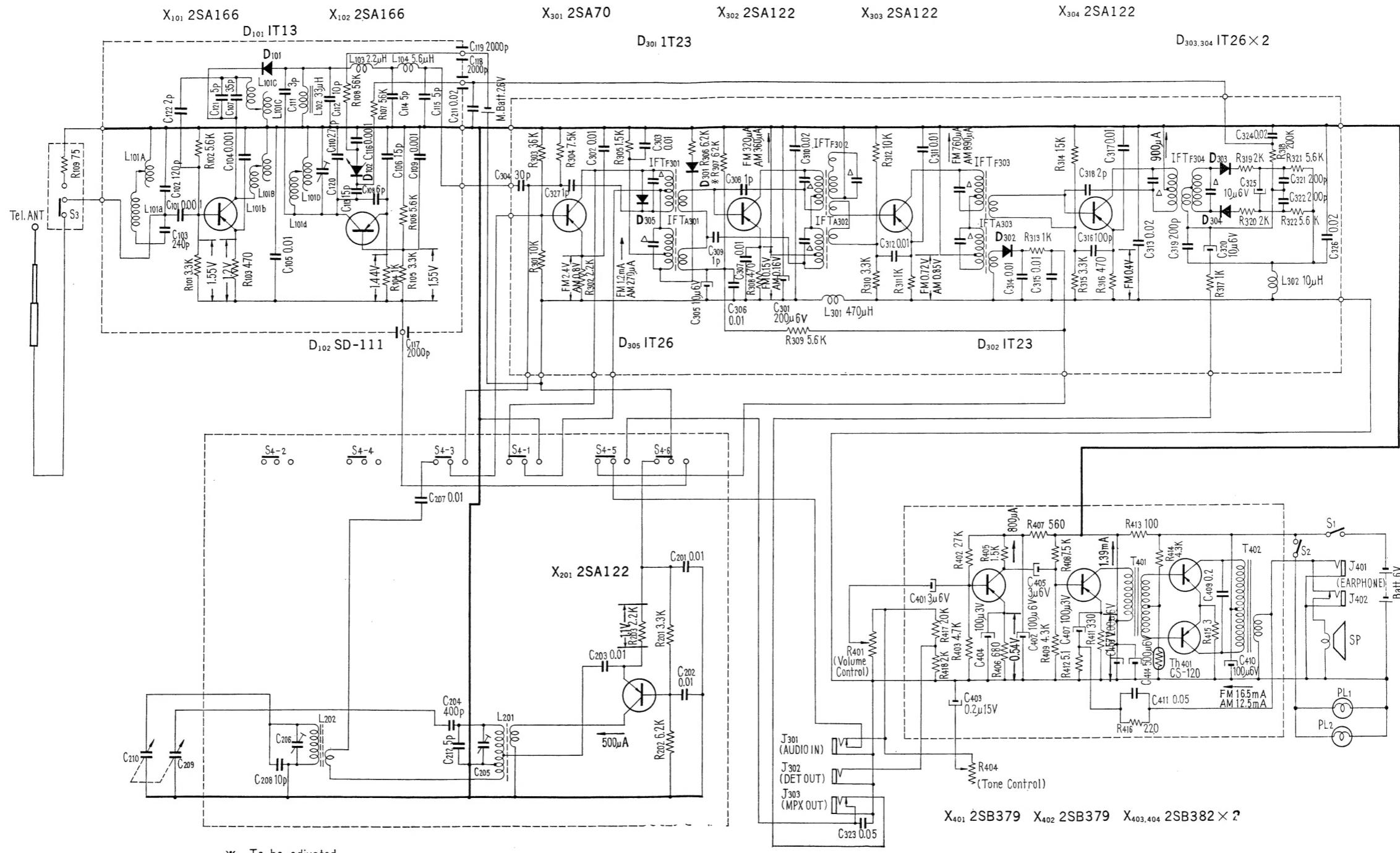


Printed Side



### AM Tuner Section





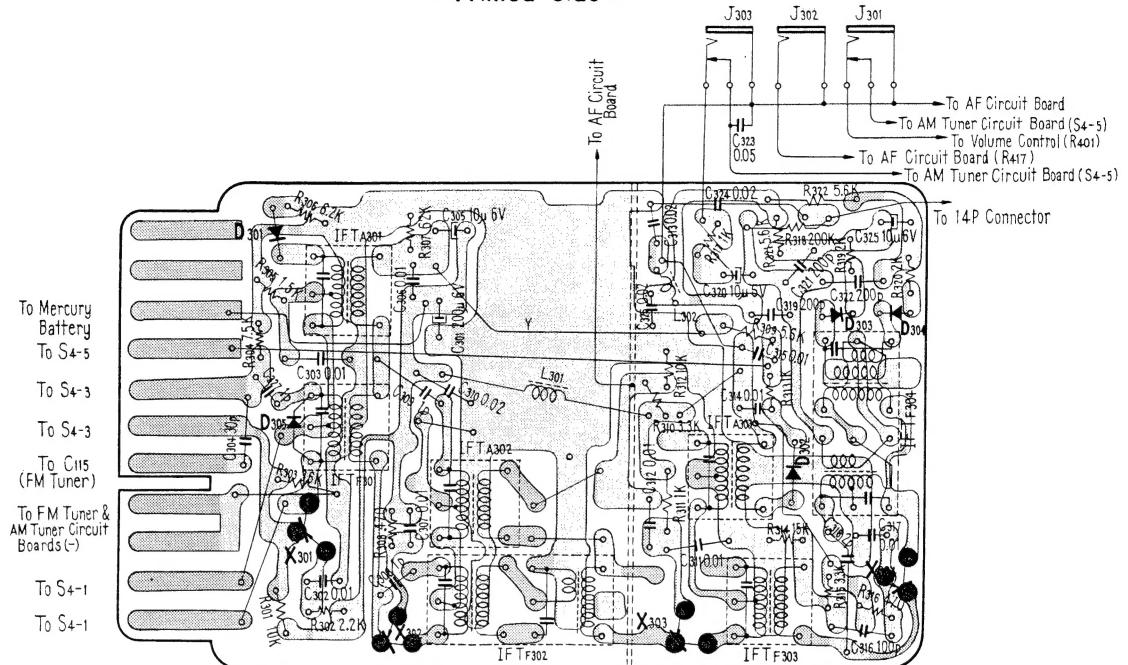
※ To be adjusted

Capacitors marked with  $\Delta$  are built in relative IF Transformers

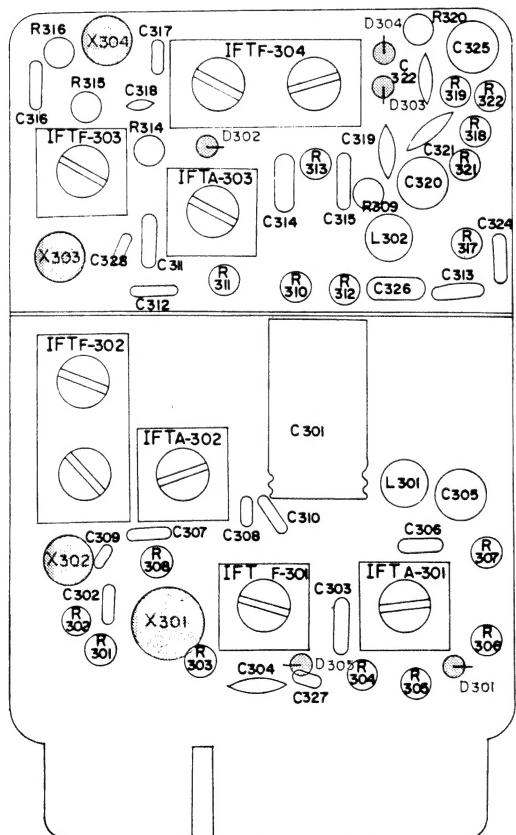
## Mounting Diagram

## IF Section

—Printed Side—



—Parts Side—



## Mounting Diagram

## AF Section

—Printed Side—

